AMENDMENTS TO THE CLAIMS

1. (Currently Amended). An electronic shower temperature display ~~for shower assemblies including a showerhead,~~ comprising:

A) A shower assembly including a showerhead;

[[A)]] B) temperature sensing means having a first input connected to a shower arm of said shower assemblies and a first output generating a voltage signal as a function of temperature sensed by said first input;

[[B)]] C) ~~computerized~~ microprocessor means having a second input connected to said first output for processing said signal to generate a second output signal; and

[[C)]] D) display means connected to said second output signal.

2. (Currently Amended). An electronic shower temperature display device which can be easily retrofitted onto an existing shower arm and showerhead assembly of a shower system for a water delivery system that consist of either a dependent or independent hot and cold controls prior to a mixing chamber, comprising:

A) a temperature sensor-coupling unit having a substantially cylindrical shape with first and second ends, said first end having female threading and said second end having male threading, said first end being removably secured to said shower arm and said shower head being removably secured to said second end ~~housing~~

including a temperature sensor selected from the group consisting of a thermocouple, thermistor, a resistance temperature detector (RTD), an integrated circuit temperature sensor or a temperature-to-fluid pressure transducer;

B) a panel support bracket comprising a cylindrical ring, and said sensor-coupling unit snugly fitting within said ring; and

C) a temperature display adjustable display panel assembly including audible alarm means selected from the group consisting of an electromechanical buzzer, a piezo transducer or a speaker tone driven circuit and having a microprocessor-based circuitry with means to display real-time water temperature, said microprocessor-based circuitry communicating with said temperature sensor by means of a removable conducting cable, said microprocessor-based circuitry housed within said adjustable display panel assembly, said adjustable display panel assembly further comprising a battery power source including an electric dry cell battery communicating with and supplying power to said microprocessor-based circuitry, said adjustable display panel assembly further comprising a ~~manual control interface communicating with said microprocessor based circuitry~~ conductivity sensor, connected to said microprocessor-based circuitry to monitor signals from said temperature sensor and said conductivity sensor there detecting the water temperature passing through said shower arm and said showerhead assembly ~~manual control interface communicating with said microprocessor based circuitry~~, said microprocessor-based circuitry ~~monitors both water temperature and the presence or absence of water through said shower arm and said showerhead assembly~~ including a programmable memory storage system

used for retrieving multi-user temperature settings having at least one programmable predetermined temperature warning set to activate said audible alarm means.

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Canceled).

7. (Canceled).

8. (Canceled).

9. (Canceled).

10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Currently Amended). The electronic shower temperature display device set forth in claim [[14]] 2, further characterized in that said adjustable display panel assembly connects to a flexible joint to allow said adjustable display panel to swivel, slide, or shift position in order to provide an alternate viewing angle.